PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		f Transmittal of International Search Report
1-1346-PCT	ACTION (Form PC1/ISA/2	20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 02/05642	23/05/2002	25/05/2001
Applicant		
BOEHRINGER INGELHEIM PHAR	MA KG	
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	ority and is transmitted to the applicant
This International Search Report consists X It is also accompanied by	of a total of6 sheets. a copy of each prior art document cited in this	report.
Basis of the report		
	international search was carried out on the bas less otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of the	he international application furnished to this
b. With regard to any nucleotide an was carried out on the basis of th		nternational application, the international search
l <u>=</u>	ernational application in computer readable form	n.
I 📙 *	this Authority in written form.	
	this Authority in computer readble form.	
the statement that the sul international application a	bsequently furnished written sequence listing das filed has been furnished.	bes not go beyond the disclosure in the
		s identical to the written sequence listing has been
2. X Certain claims were fou	ind unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the title,		
l <u>=</u>	ubmitted by the applicant.	
I ——I	shed by this Authority to read as follows:	
COMBINATION OF A DOPANTHEREOF FOR TREATING	MINE D2-RECEPTOR AGONIST AND OBSTRUCTIVE AIRWAYS	TIOTROPIUM OR A DERIVATIVE
5. With regard to the abstract,		
I ''	ubmitted by the applicant.	As an it assessed to Day III. The second of
the text has been established within one month from the	shed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rep	ry as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be pub	illshed with the abstract is Figure No.	
as suggested by the app		None of the figures.
because the applicant fair		
Decause this figure bette	r characterizes the invention.	<u> </u>

Form PCT/ISA/210 (tirst sheet) (July 1998)



INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 02/05642

A. CLASSIFI	CATION OF SUBJECT	MATTER			
IPC 7	A61K31/46	A61K31/4745	A61K31/48	A61K31/538	A61P11/06
		A61K9/72			51K31/4745,
	31:46),(A61K	31/48,31:46),	(A61K31/538,3	1:46)	
According to I	nternational Patent Class	sification (IPC) or to both	national classification and	IPC	

B. FIELDS SEARCHED

Category °

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

Citation of document, with indication, where appropriate, of the relevant passages

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, CHEM ABS Data, EMBASE

	<u></u>		
P,X	WO 02 30390 A (BOEHRINGER INGELF; BOECK GEORG (DE); WALZ MICHAEL 18 April 2002 (2002-04-18) claims 8,9 page 6, line 36 -page 7, line 14 page 7, line 34 -page 8, line 1	(DE))	1-4,6-35
X Fur	ther documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.
'A' docum consi 'E' earlier filing 'L' docum which citatic 'O' docum other 'P' docum	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	'T' later document published after the interest or priority date and not in conflict with cited to understand the principle or the invention 'X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious the art. '&' document member of the same patent	the application but every underlying the claimed invention it be considered to cument is taken alone alaimed invention ventive step when the pre other such docuus to a person skilled
	actual completion of the international search 4 November 2002	Date of mailing of the international se $20/11/2002$	arch report
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Sindel, U	

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Relevant to claim No.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/05642

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
Y	BONNERT R V ET AL: "DUAL D2-RECEPTOR AND BETA2-ADRENOCEPTOR AGONISTS FOR THE TREATMENT OF AIRWAY DISEASES. 1. DISCOVERY AND BIOLOGICAL EVALUATION OF SOME 7-(2-AMINOETHYL)-4-HYDROXYBENZOTHIAZOL-2(3H)-ONE ANALOGUES" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 41, no. 25, 1998, pages 4915-4917, XP000978960 ISSN: 0022-2623 page 4915, column 2, line 12 - line 27	1-35
Y	WO 99 36095 A (ASTRA PHARMA PROD ;DIXON JOHN (GB); INCE FRANCIS (GB); ASTRA AB (S) 22 July 1999 (1999-07-22) claims 1,2 abstract	1-35
Y	BARNES P J: "Chronic obstructive pulmonary disease: new opportunities for drug development." TRENDS IN PHARMACOLOGICAL SCIENCES. ENGLAND OCT 1998, vol. 19, no. 10, October 1998 (1998-10), pages 415-423, XP004156947 ISSN: 0165-6147 page 415 -page 416, paragraph ANTICHOLINERGICS	1-35

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 02/05642

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			US	2002106332 A1	08-08-2002
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			WO	9936095 A1	22-07-1999
			ÜS	2002010197 A1	24-01-2002

Form PCT/ISA/210 (patent family annex) (July 1992)

